

# FRA SPECIALFORSKALLING TIL BLIVENDE KUNSTVÆRK I GLASFIBER

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# ARoS – The Next Level

The Dome, a Skyspace by James Turrell

Bygherre: Aarhus Kommune

Bruger: ARoS

Totalrådgivere: SHL/Cowi

2014 – Ideen starter

2015 – Første illustrationer

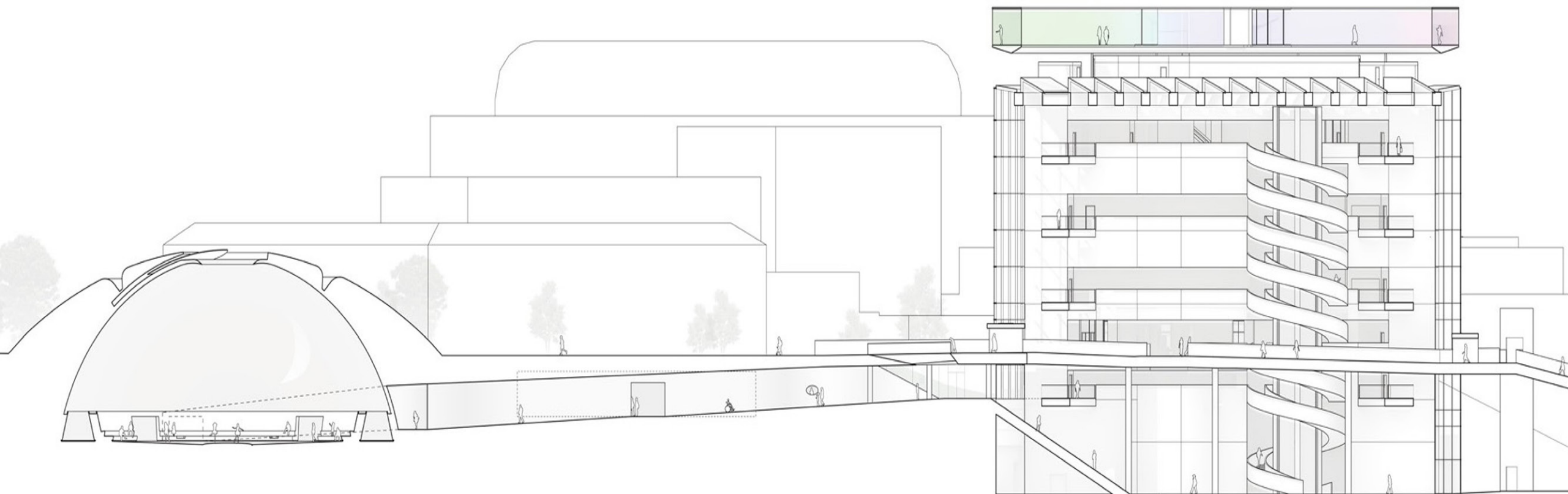
2015 – 2020 Projektet formes

2020 – 2022 Projektering og udvikling

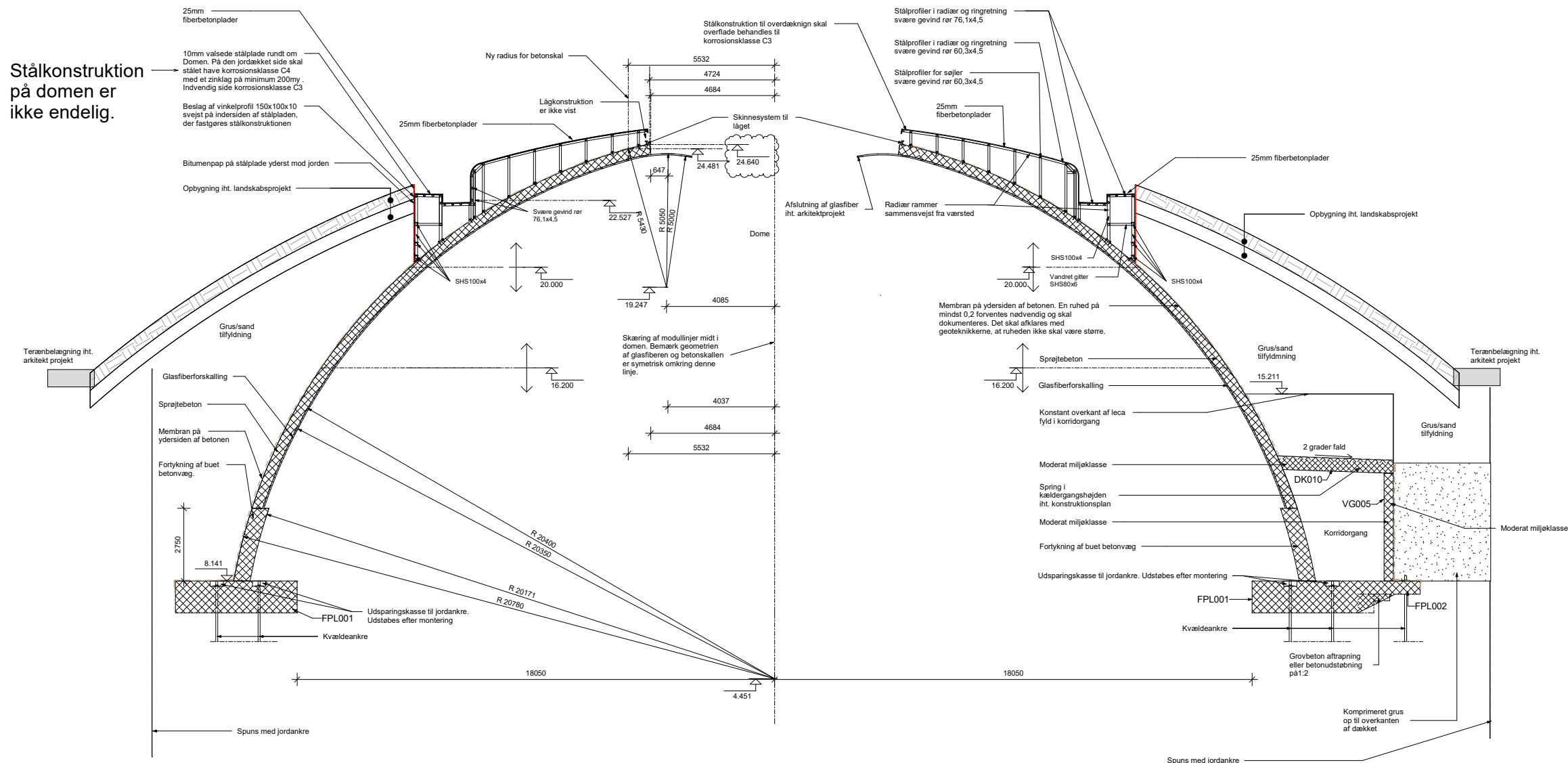
2022 – 2025 Udførelse







Stålkonstruktion på domen er ikke endelig.



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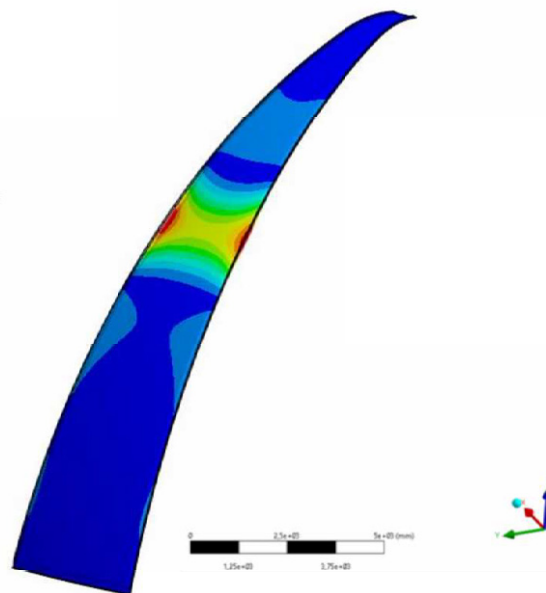






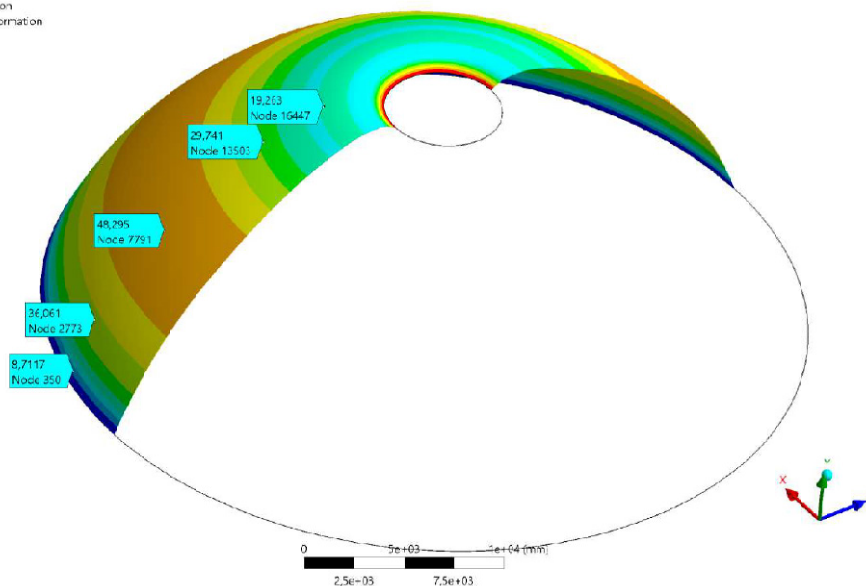
Deformation Plot [mm]

127,31 Max  
115,74  
104,16  
92,591  
81,017  
69,443  
57,869  
46,295  
34,722  
23,148  
11,574  
0 Min



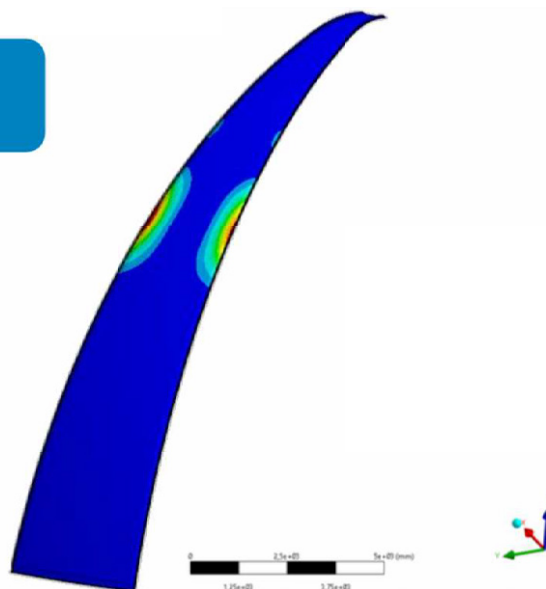
F: Static Structural  
Total Deformation  
Type: Total Deformation  
Unit: mm

60,1 Max  
50  
43,75  
37,5  
31,25  
25  
18,75  
12,5  
6,25  
0 Min



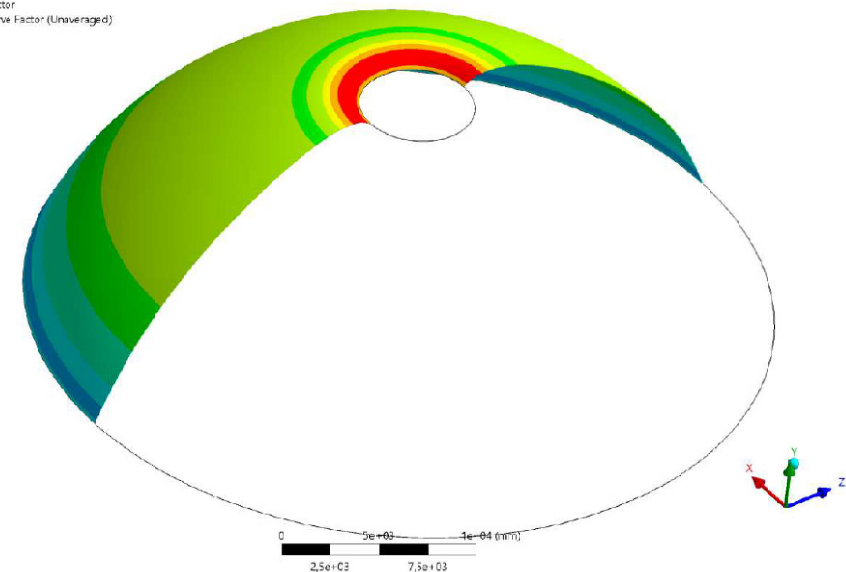
Deformation plot - first buckling mode [mm]

1,3219 Max  
1,175  
1,0281  
0,88127  
0,73439  
0,58751  
0,44063  
0,29376  
0,14688  
0 Min



F: Static Structural  
Inverse Reserve Factor  
Type: Inverse Reserve Factor (Unaveraged)

1e2  
1,13 Max  
0,875  
0,75  
0,625  
0,5  
0,375  
0,216 Min  
0

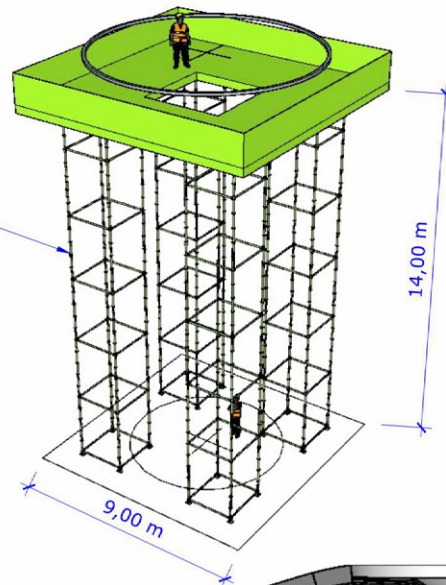




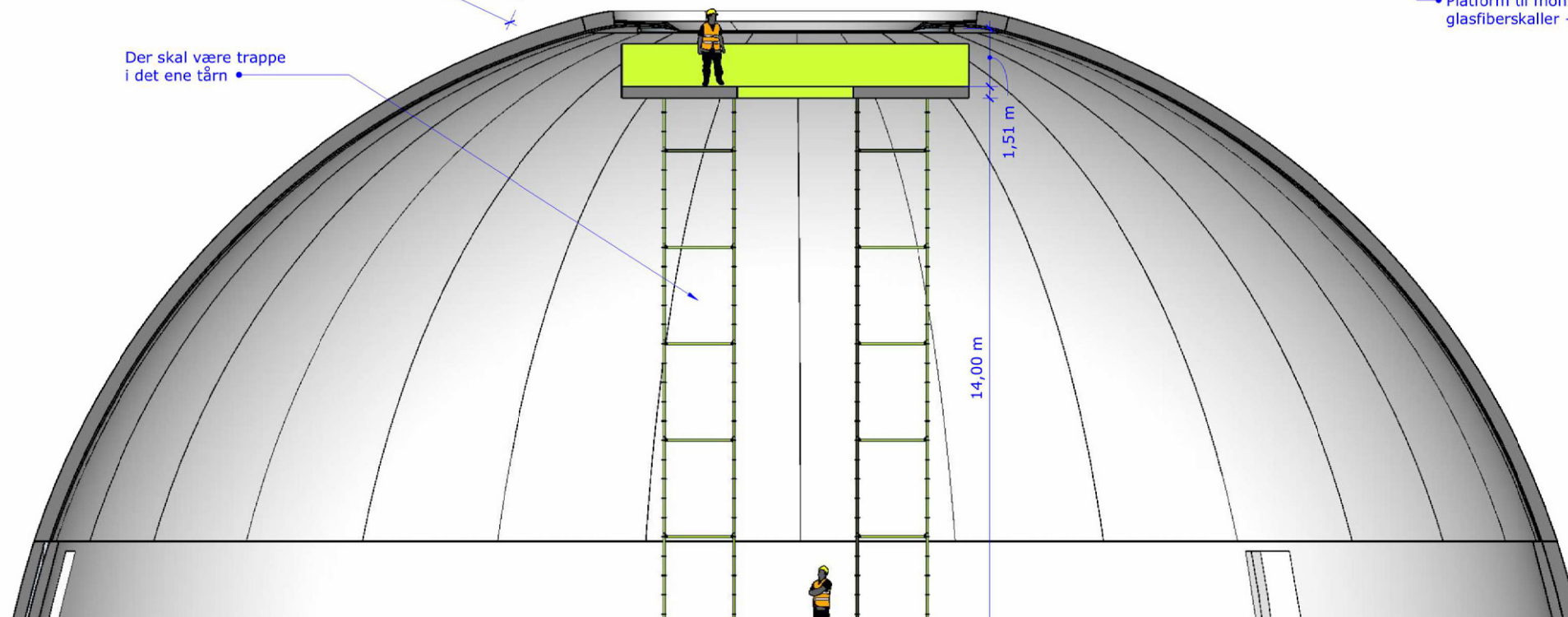
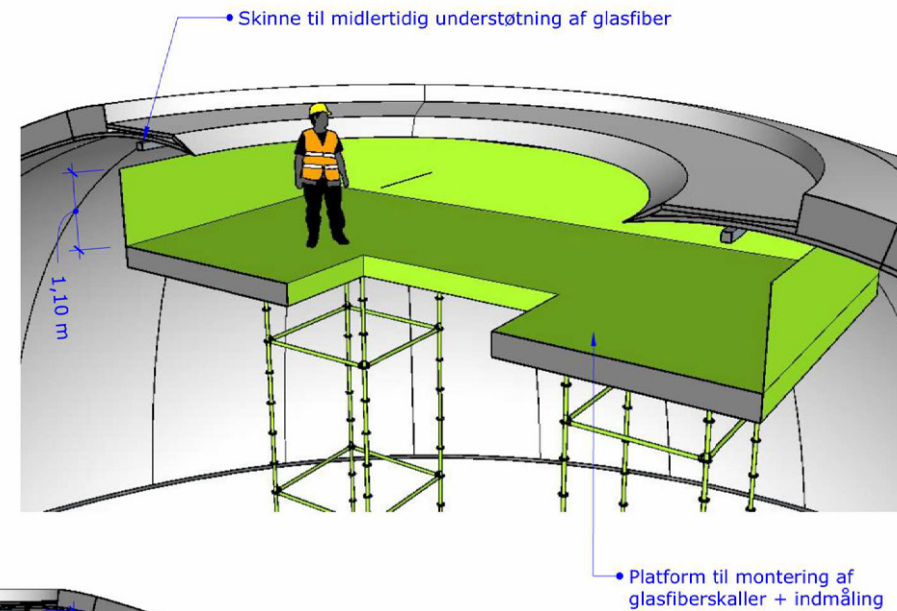
## Tårn glasfiberskaller Dome ARoS - Next Level

30/9-22  
KTBJ  
Side 6/6

Systemet skal efterfølgende kunne pakkes og hejSES ud. De enkelte dele skal kunne håndteres uden kran •



Der skal være trappe i det ene tårn •







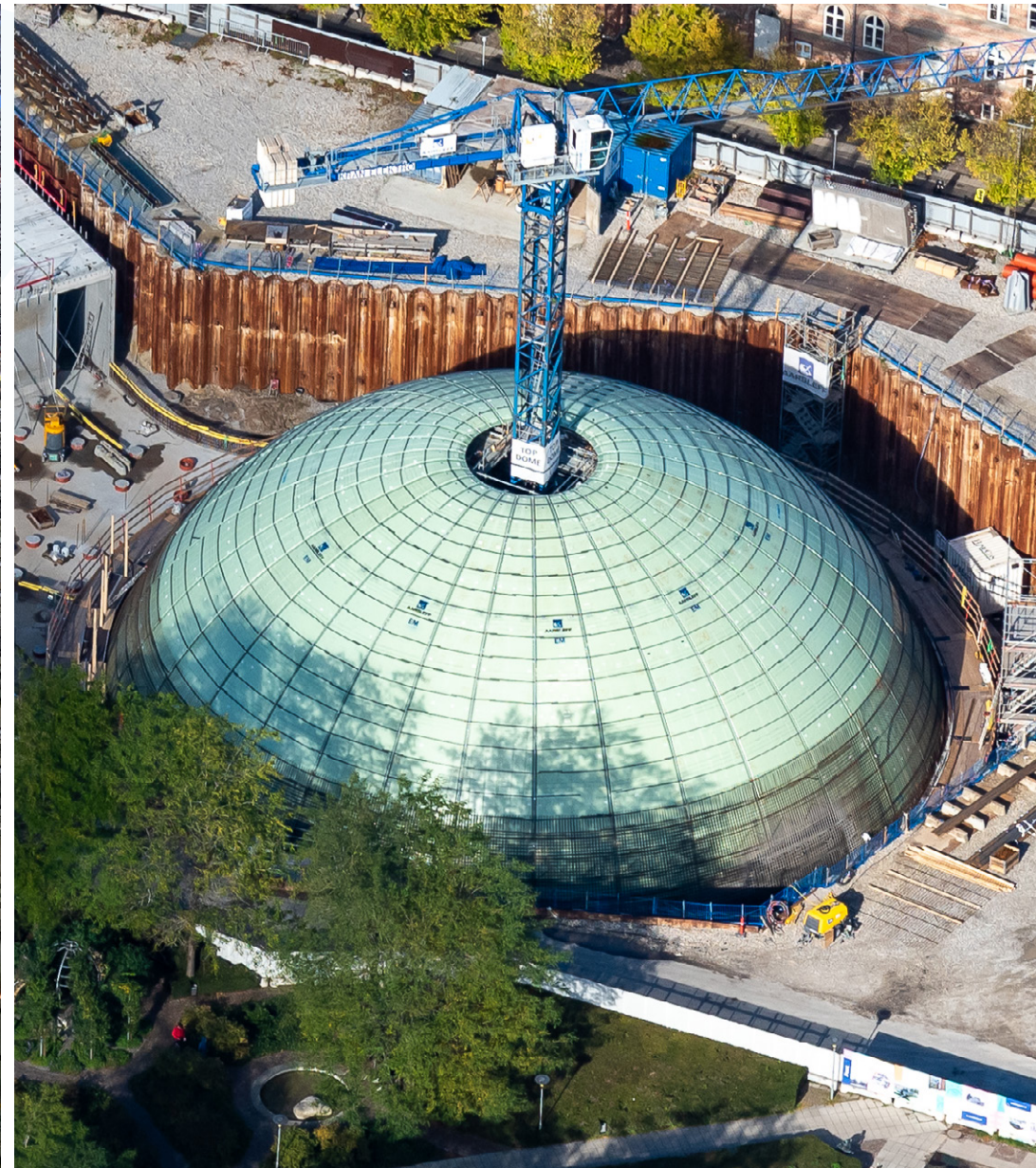
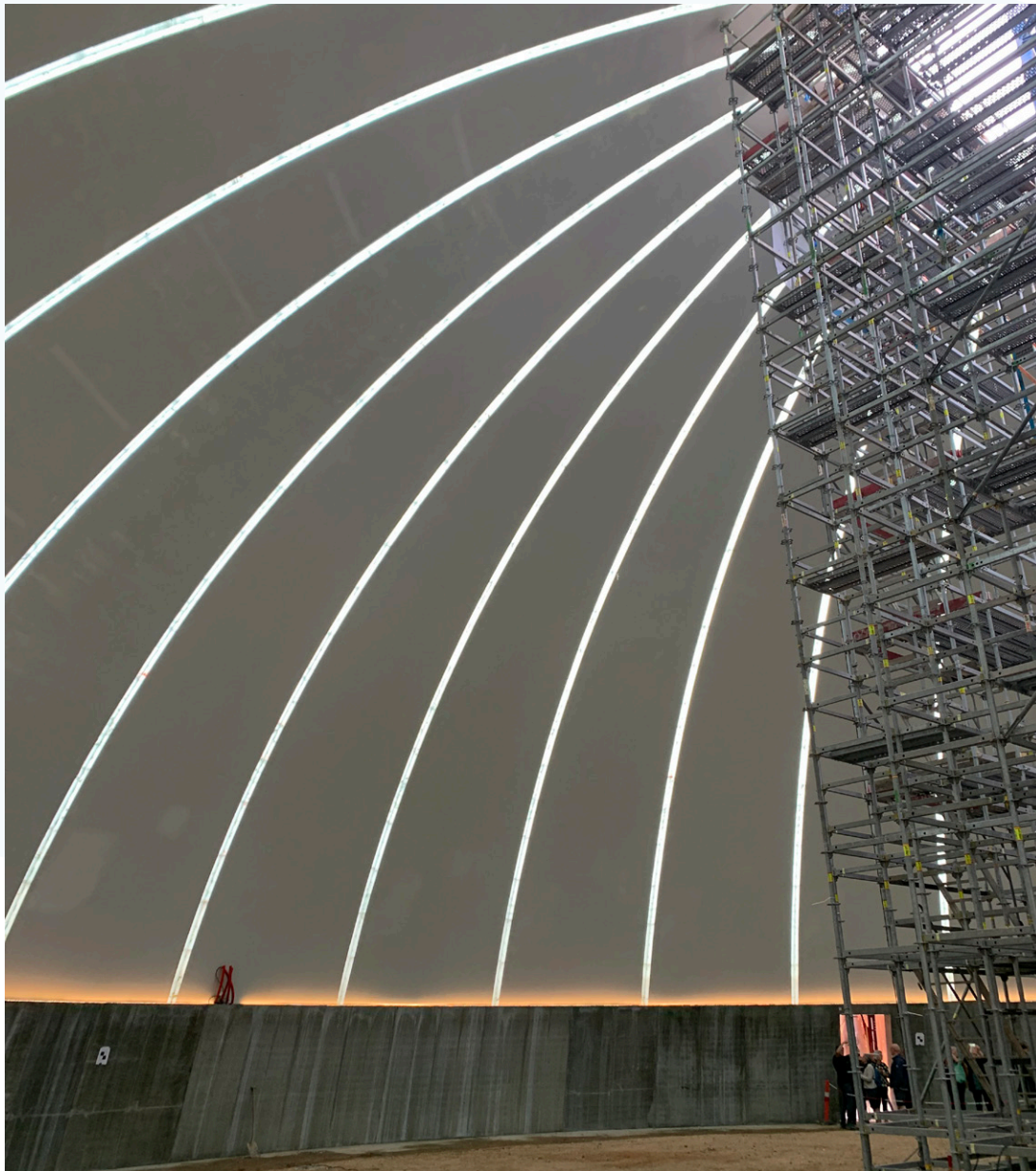








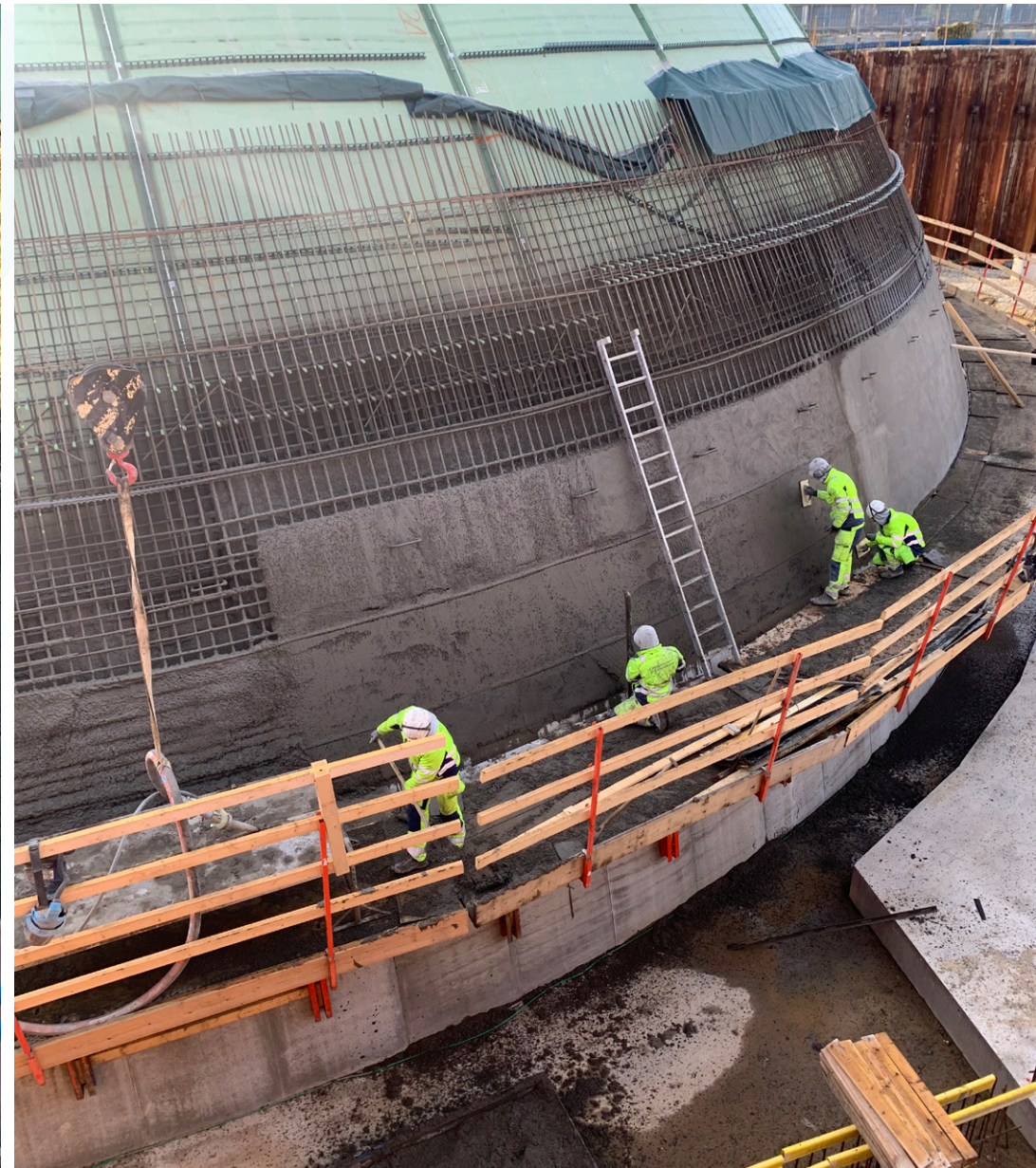




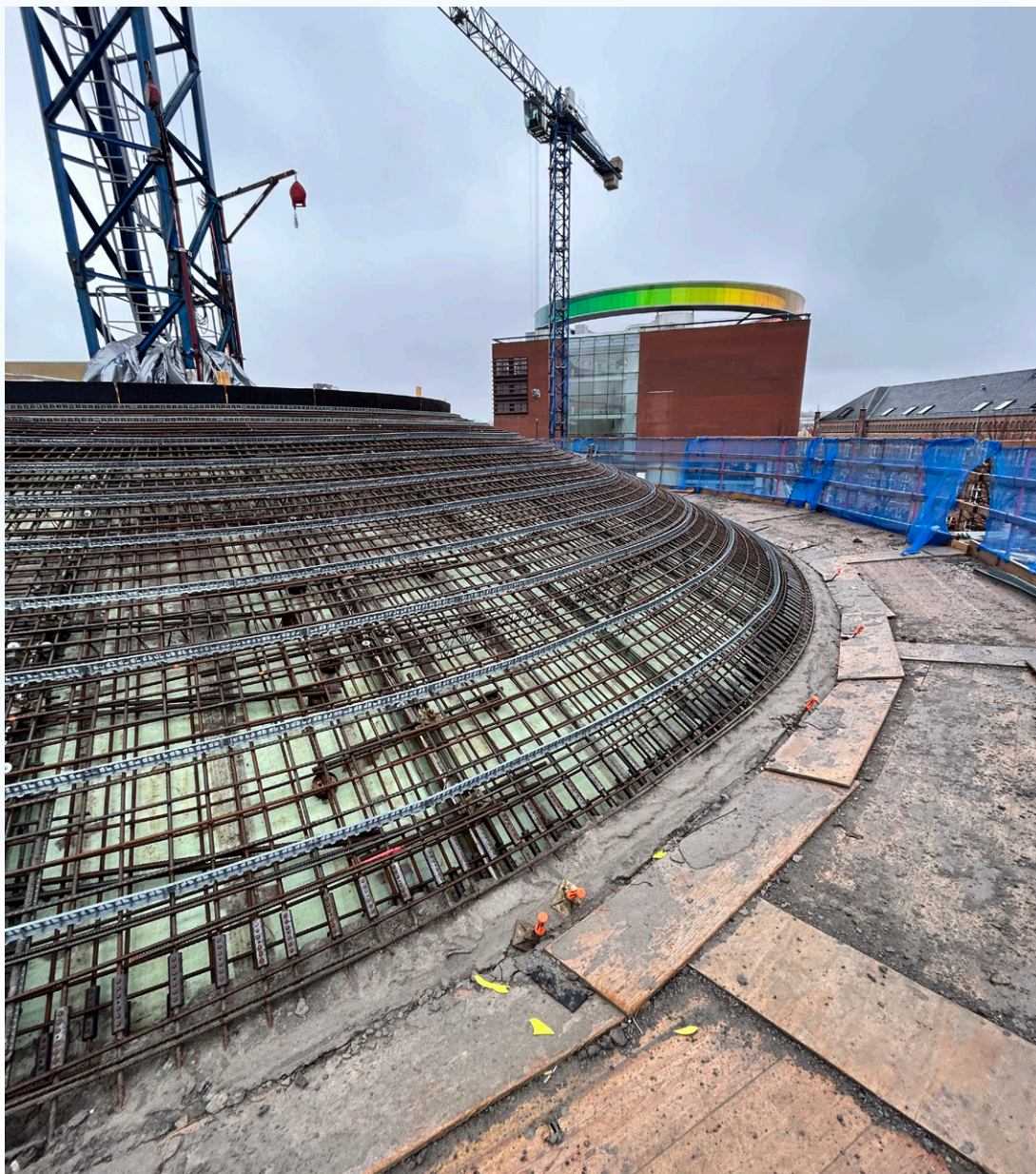




















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